

A geometric diagram showing a circle with center z . An inscribed polygon is formed by points A, B, C, D, E on the circumference. Lines connect the center z to each vertex of the polygon, forming five triangles: $\triangle zAB, \triangle zBC, \triangle zCD, \triangle zDE, \triangle zEA$. The points are labeled as follows: A at the bottom right, B at the top right, C at the top, D at the top left, and E at the bottom left.

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[illegible]